

Determination of the Probability of Communication
Interference Caused by Interfering Signals, by
V. I. Zhitzalskiy, 11 pp.

RUSSIAN, no par, Radiotekhnika, Vol X, No 10,
1955, pp 15-22.

Morris D. Friedman

\$5.50

35,206

Scientific - Electronics

Jun 56 CTS/dex

Cauchy Problems for Second Degree Parabolic Equation
With Variable Coefficients, by Ya. I. Zhitomirskiy.

UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 6, 1957.

Navy Tr 1852/ JH T-23

Sci - Physics
Sep 58

73, 629

Reaction of Phenylacetylene With Lower Saturated
Monobasic Acids, by A. I. Bolshukhin, V. L.
Zhitorechuk, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,
No 8, Aug 1955, pp 1459-1461. CIA C 42156.

Consultants Bureau

Sci - Chemistry

35,107

Jun 1956/Dex

A Course in Higher Mathematics for Technical Schools,
by I. L. Zhittsev,.

272

RUSSIAN, bk, ~~200~~ pp.

*Pergamon Inst

Jun 59

The Influence on Charging of a Pre-heated Coal
Charge, by D. N. Zhitov, G. N. Mamonov, 3 pp.

RUSSIAN, per, Koks i Khim, No 12, 1961.

CTRA

Sci
Aug 68

206,474

Bottom Relief and Salinities of the
Southern Parts of the Ocean Basins, by
A. V. Zhivago, A. P. Lisitsyn.

RUSSIAN, for, Informant Byull. Soviet
Arkticheskaya Ekspeditsiya, No 3,
1958, pp 21, 22.

Univ of Wisconsin
(RUS)

113,897

Bel - Geography
Apr 60

New Data on the Structural Laws of Submarine
Relief, by P. L. Bezrukov, I. G. Boychenko,
A. V. Zhivago, N. I. Zenkevich, V. F. Karayev,
G. B. Gintsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 5,
1967, pp 841-844.

Consultants Bureau

Sci - Geophysics

Oct 58

75, 256

Zhivalkin, L. Ya.
LIQUID FILM THICKNESS IN FILM-TYPE UNITS.
July 62 [5p. 33 refs.
Order from ICE in v. 2, no. 3, \$15.00/year

Trans. of Khim[icheskoe] Mashinostroyeniye (USSR)
1961 [v. 3] no. 6, p. 25ff.

DESCRIPTORS: *Heat exchangers, *Thin films, Liquids,
Fluid flow, Mass transfer, Viscosity, Density,
Velocity.

(Engineering--Chemical, TT, v. 9, no. 2)

63-12232

I. Zhivalkin, L. Ya.
II. International Chemical
Engineering, New York

1221044

Office of Technical Services

Operation IW - The Psychological Warfare of
the American Imperialists, by Nikolay
Ivanovich Zhiveynov, 171 pp.
RUSSIAN, bk, Operatsiya P. W. Tsikhologicheskaya
Voyna Amerikanskikh Imperialistov, 1966, 295 pp.
P940153667

324,386

USE OF MEMBERS ONLY

USSR

M11

Sep 66

The Calculation of Agricultural Crops Actually
Harvested, by N. Zhivilin, 9 pp.

RUSSIAN, in, Voprosy Ekonomiki Sel'skogo Khozyaistva,
1956.

QTS 60-51175
PL-480

NET USSR
ECON

Jun 61

PST 98

155,361

Telegram To Khrushchev and Brezhnev, by
Zhivkov, Ganev, Yugov.

RUSSIAN, np, Pravda, 29 Sep 1962.

FBIS Wire

USSR
Pol
22 Oct 62

Some Basic Questions in Our Party and Social
Activity, by Zhivkov

BULGARIAN, np, Rabotnichesko Delo, Jan 19, 1960

FBID Daily Review

Mar 60

Text of speech by Todor Zhivkov to Tenth Komsomol
Congress on 28 Apr 63

Sofia, Rabotnichesko Delo, 5 May 1963

Bulgaria

Daily Report
USSR & East Europe
No 100, 22 May 63

For the Further Improvement and Increasing the
Efficiency of Party and State Leadership of the
National Economy, by Khrushchev, 36 pp.

BUKAREST, per, International Date, 17 May 1963,
Encl to Camp A-42, Amblegation, Sofia. (CIA/RG/24)

Dept of State

Khr - Bulgaria
Pal, Room
Jul 63

237,051

RESOLUTIONS OF THE EIGHTH CONGRESS OF THE
BULGARIAN COMMUNIST PARTY, BY TODOR ZHIVKOV,
41 PP.

BULGARIAN, NP, RABOTNICHESKO DELO, 16 NOV 1962,
PP 1-4.

JPRS 16416

EEUR - BULGARIA
POL
DEC 62

217,184

(BEXXZZBEXX)
(DC-2200)

BULGARIA AND THE NEWLY LIBERATED COUNTRIES,
BY ZHIVKO ZHIVKOV, 44 PP.

BULGARIAN, PER, NOVO VREME, NO 7, 1962,
PP 47-50.

JPRS 14828

EUR - BULGARIA
POL
AUG 62

209,009

(10-6)

Even Better Work by the Party Control Commissions,
by Nadya Zhivkova, 21 pp.

BULGARIAN, per, Partien Zhivot, No 17, Dec 1961,
pp 23-32.

JPRS 12360

EEur - Bulgaria
Pol
Feb 62

185, 055

Zhivkovic, Vera

Morphological and Ecological Investigations of the
Simuliidae of Danube.

SERBO-CROATIAN, per, Beograd, 1955 SAN, Naučno delo,
96 pp.

*PL 480

OTS 61-11278

1961

(DC-5017)

How White Collared Workers Would Be Paid, by
Zh. Zhivkovic 4 pp.

np
CROATIAN, ~~HR~~, Borba, Vol XXV, No 256,
26 Oct 1960.

JPRS 8032

EEur - Yugoslavia

Boc

Apr 61

144,900

On the Temperature of Lighting and Force of Thunder,
by, Yu. A. Zhivlyuk, S. L. Mandel'shtam, pp, 3

RUSSIAN, per, Zhur Ekspert i Teoret Fiz, Vol XL,
No 2, 1961, pp, 483-487

AIP
SOW Phys-JETP
VOL XIII, No 2

167,528

Sci
Aug 61

The Permanent Protection of Cellulose Textiles
Against Microorganisms, by Miodrag Zhivkovich.

FOR OFFICIAL USE ONLY

YUGOSLAVIAN, par, Textile Industry, Vol 14,
No 2, 1958, pp 61-65.

ATTC-117-23-315-63

P200192963

MiodRAG ZHIVKOVICH

Sci/Mat

Sept 68

356,409

Heating of Multiply Charged Impurity Ions in a Plas-

By A. S. Gurevich, Yu. N. Zhivlyuk pp. 11

RUSSIAN, per, Sov Tech Fiz, Vol XXXIII, No 3, 1963,
pp. 276-290

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VIII, No 3

Spl

Sep 63

344, 3-1

On a Problem of Evaluation of Essential Parameters
of an Object, by V. P. Zhivoglyadov, Ye. P. Maslov,
11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, OTN, Tekh Kibernet,
No 1, 1964, pp 175-181.

JPRS 24856536

Sci
May 64

257, 718

Derivatives
Synthesis of Some Carbon-Carbon Carbohydrates,
~~Dehydrogenation of Silicohydriocarbene~~, by B. N.
Dorofenko, L. N. Zhivogiazova, ⁴ *PP. a. Zhdanov*,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 6,
1957, pp 990-992.

Consultants Bureau

Sci - Chem

Oct 58

74, 367

Antipyrine Dyes As Analytical Reagents. Communica-
tion 1. The Relation Between the Composition and
Reactivity of Dyes, by V. P. Zhivopistsev,
M. N. Chelachova, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 2, 1963,
pp 148-153.

CB

Sci
Feb 64

249,191

New Method of Purification of Salts of Nickel,
Manganese, and Other Elements With the Aid of
Diantipyryl methane, by V. P. Zhivopistsev, 2 pp.
UNCLASSIFIED

RUSSIAN, per, Zhur Prikl Khim, Vol XXVI, No 3,
Mar 1953, pp 335-336.

Consultants Bureau tr

Scientific - Chemistry

13,515

A Spot Reaction for Cobalt, Using Dimethylamino-
pyrrole, V. P. Zhivonitsky.

The Journal of General Chemistry of the USSR, Vol XXI,
No 3, Mar 1951, pp 531 - 534 (Russ p 481).

Consultants Bureau
New York

A1345

USSR

Experience in the Adoption of Self-Supporting
System at an UKRM (Administration for Technical
Operation of Cable and Radio-Relay Main Lines), by
S. G. Zhivotkov, A. A. Nosova, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1964.

JPRS 25059

Sci
Jun 64

261,317

Dissipative Losses and Resonance-Type Oscillations
in Coupled Resonators with Cylindrical Errors, by
V. Ya. Zaslavskiy, V. K. Zhuravov, 3 pp.

RUSSIAN, 1964, Dokl. Ak. Nauk SSSR, Physics Sections,
Vol CIVIL, No 4-6, Aug 1964, p. 1352-1354.

Jour Inst of Phys
Sov Phys-Doklady
Vol IX, No 8

Sci

Inst

170, 1964

(CSO: 1840-N)

The Ideal Type of River Tanker, by A. Zhivotovskiy,
8 pp.

RUSSIAN, per, Rechnoy Transport, No 5, Moscow, May
1962, pp 26, 27.

JPRS: 15,206

USSR

Econ

Sep 62

211,030

RUSNIAI, Ser. Sverdlov Proiz. No 8, 1959, p. 47.

British Welding Res Assoc.

Sci
Aug 60

12 R. 11

Plastic Furniture in Ships, by V. V. Tsarinskii,
G. N. Ivanov, A. P. Zhiyotovskiy, 4 pp.

RUSSIAN, per, Plasticheskiy Mebel', No 7, 1960,
pp 50-54.

RAPRA

Soc.

Aug 61.

1001/110 K-4695

163,073

Alakline Absorption of Nitrogen Oxides, by A. G.
Zhivotovskiy, 12 pp.

RUSSIAN, per, Kizastroi, Vol VII, 1935, pp 158-162.

SIA R-2464

Sci
Aug 59

94, 513

(NY-5231)

Wide-Band Amplification by Means of Tetrodes in
VHF Transmitters, by A. I. Zhivotovskiy, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Radiotekh,
Vol III, No 2, 1960.

JPRS 7379

Sci

Jul 61

159,356

(NY-7167)

Untuned High Frequency Stages of Transmitters,
by A. I. Zhivotovskiy, A. S. Krivenko,
V. V. Polevoy, 21 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO
SSR po Razdelu Radiotekh, Vol V, No 2,
Mar/Apr 1962, pp 224-233.

JPRS 15475

Sci - Electronics

Oct 62

213,792

Calculation of Complex Resonators, by A. I.
Zhivotovskiy, 8 pp.

RUSSIAN, per, Radiotekh, Vol XII, No 1, Jan 1957,
pp 22-27. . CIA 632532

ATIC F-TS-9190/V

Sci - Electronics, computers

Oct 58

75,638

Production of Radioactive Isotopes in a 10-Mev
Deuteron, by P. P. Dmitriev, I. I. Zhivotovskii,
N. N. Krasnov, I. P. Salinov, E. N. Khaprov, 6 p.

^c
RUSSIAN, bk, Proceedings of the First All-Union
Conference on Radiation Chemistry Production of
Isotopes, 1957, 9048095-0 pp 26-30.

Consultants Bureau

Sci - Chem

Apr 60

114,523

(NY-3000)

AUTOMATIC EQUIPMENT AND CONTROLS FOR THE ORE
MINING INDUSTRY, BY L. G. ZHIVOLY, 5 PP.

RUSSIAN PER, BORNYY ZHUR, NO 1, 1962, PP 57, 58.

JPRS 14422

USSR
ECON
SCI - MIN/MET
JUL 62

202,475

Zhivuchin, S. M. and Tolstoguzov, V. B.
CHEMICAL PROPERTIES OF PHOSPHONITRILE
CHLORIDES (Diazonitrilchlorid, Ego Poluchenie.
Svolazya i Primenenie). Rept. no. 2 of Phosphonitrile
Chloride, Its Preparation, Properties and Application.
[1961] 1 p. 54 refs.

Order from OTS or SLA \$1.60

62-10607

Trans. of Plasticheskie Massy (USSR) 1961, no. 4,
p. 14-17.

DESCRIPTORS: *Phosphonitrile chlorides, Chlorides,
Chemical properties, Hydrolysis.

(Chemistry--Physical, TT, v. 9, no. 11)

62-10607

I. Zhivuchin, S. M.
II. Tolstoguzov, V. B.
III. Title. Phosphonitrile ...

Office of Technical Services

TT-63-20621

I. Zhivukhin, S. M.
III. Tolstoguzov, V. R.Zhivukhin, S. M. and Tolstoguzov, V. R.
THE PRODUCTION AND USE OF PHOSPHONITRILE
CHLORIDES AND THEIR DERIVATIVES. [1963] [13p]
65 refs

Order from OTS, SLA, or BTC \$1.50 TT-63-20621

Trans. of Plasticheskie Massy (USSR) 1963,
no. 5, p. 24-27.DESCRIPTORS: *Phosphonitriles, *Chlorides,
Industrial production, Polymers, Plastics, Condensation
reactions, Heat resistant plastics, Stability, Chemical
properties.

A survey of the literature.

(Materials: Plastics, TT, v. 11, no. 3)

Office of Technical Services

Certain Properties of Oily Oligomers of Phosphonitryl
Chloride, by S. M. Zhivukhin and V. B. Tolstoguzov,
5 pp

RUSSIAN, per, Zhur Prii Khim, Vol XXXV, No 2,
1961, pp 290-294.

CB

Sci.

Jan 62

283,955

Synthesis and Study of Organostannoxanes, by I.
S. M. Zhivukhin, E. D. Dudikova, 5 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 9,
1961, pp 3106 3110.

CB

Sci
Oct 62

214,661

S. M. Zhivukhin

The Production of Phosphonitrile
Chloride, by S. M. Zhivukhin.
RUSSIAN, per, Khimicheskaya
Promyshlennost, No 1, 1962, pp 19-23
NTC 72-11377-07A

June 72

S. M. Zhivukhin

Interaction Between Phosphonitrile Chlorides and
Silanols, Silanols and Hexaalkyl-Disiloxane,

by S. M. Zhivukhin

RUSSIAN, per, Zhurnal Neorganicheskoi Khimii,

Vol 7, No 9, 1962, pp 2192-2199

ETC 71-1524-078

72

Zhivukhin, S. M. and Tolstoguzov, V. B.
THE PREPARATION OF PHOSPHONITRYL
CHLORIDE Pt. I of Phosphonitryl Chloride: Its
Preparation, Properties and Uses. [1962] 9p.
57 refs.

Order from OTS to SLA \$1.10

62-14045

Transl. of Plastikheskie Massy (USSR) 1960, no. 12,
p. 14-15.

DESCRIPTIONS: *Plastics, *Phosphonitrile chlorides,
Preparation, Separation, Chemical analysis.

See also 62-13426

(Material from Russian, T.T., v. 8, no. 10)

62-14045

I. Zhivukhin, S. M.
II. Tolstoguzov, V. B.
III. Title: Phosphonitryl ...

C326208

Official Technical Name

Enrichment of trilechtride, its preparation, properties
and uses, by S. M. Zakharukhin, V. E. Tolstomantov.

RUSSIAN, per, Plastikheskiye Massy, No 1, pp 23-24.

JPES 11036

Ser. - Chem

1705 6 67

Enr 61

Investigation of Copolymerization of Three-Component Systems. III. Copolymerization of the System Methyl Methacrylate - Acrylonitrile - Glycol Esters of Methacrylic Acid, by S. M. Zhivukhin, M. V. Barkova, I. P. Losev, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8, 1956, pp 2250-2254.

Consultants Bureau

Sci - Chem

56, 527

Investigation of Copolymerization of Three-Component
Systems. I. by S. M. Zhivukhin, M. V. Barkova, I. P.
Losev, 1 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2213-2246.

Consultants Bureau

Sci - Chem
Dec 57

561526

Investigation of Copolymerization of Three-Component
Systems. II. Copolymerization of the Three-Com-
ponent System Methyl Methacrylate- Acrylonitrile -
Tetraallyl orthosilicate, by S. M. Zhivukhin, M. V.
Barkova, I. P. Losev, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2247-2249

Consultants Bureau

Sci - Chem

56,525

Dec 57

The Process of Protoplasm Isolation as the Second
Phase of Hardening in Winter Wheat, by P. A. Genkel,
G. M. Zhivuchina, 4 pp.

RUSSELL, per, Dok Ak Nauk, SSSR, Vol CXXVII,
No 1, pp 62-63, 1959

ATES

Sci

Mar 60

109,926

Selenium in Cast and Structural Steel, by Ya. E.
Gol'dshteyn, O. D. Zaishakian, 7 pp.

RUSSIAN, per, Stal, No 9, 1961.

RISI

Sci

May 62

194,742

Fluor-Needled Plain Carbon Cast Steel, by Ya. E.
Gol'dshtein, L. L. Pyatakova, O. D. Zhizhekina.

THE
RUSSIAN, per, Vestnik Mashinostroeniya, Vol XXXVI,
No 7, 1956, pp 23-27.

Brutcher Tr 3986

Sci - Min/Met

\$5.80

Jan 58

57, 382

Effect of Boron on Austenite Grain Size in Steel,
by L. L. Pyatakova, O. D. Zhishakina.

RUSSIAN, per, Metal i Obra Metallor, No 5,
May 1958, pp 28 30.

7-

Henry Bratcher 4220

\$4.75

Sci - Min/met

Chem

Oct 58

74, 952

On Groups of Homologies of Algebraic
Varieties, by A. B. Zhizhchenko.
RUSSIAN, per, Izvestiya Akad Nauk SSSR,
Seriya Matematicheskaya, 1961, Vol 25,
pp 765-788.
NLL RFS 2255 (On Loan or Purchase)

A. B. Zhizhchenko

Aug 65

287,083

Main Results of Combined Biogeochemical Study
of the Tertiary Sediments of the Central and
Eastern Caucasus, by B. P. Zhizhenko, 7 pp.

RUSSIAN, per, Geolog Nefti i Gasa, Vol IV,
No 1-B, 1960.

RRG

Sci

Jul 62

203,019

(NY-1840)

INNOVATIONS IN HOUSING CONSTRUCTION IN
BELORUSSIA, BY I. ZHIZHEL', 3 PP.

RUSSIAN, PER, ZHILISHCHNOYE STROITEL'STVO,
NO 6, 1962, P 3.

JPRS 14930

USSR
ECON
SEP 62

210,295

On the Existence of a Minimum of Certain
Quadratic Functionals in an Infinite Region, by
E. F. Zhizhenkova, S. M. Khachatryan, 16pp
RUSSIAN, per, Math Ann Soviet Union, Vol 9, 1960,
pp 121-128
CIS 77-8-19950

E. F. Zhizhenkova

Sci - Nat Phy and

Eng Chem

July 67

330,950

On the Existence of a Minimum of Certain
Quadratic Functionals in an Infinite
Region, by 1968. Zhizhenkov and G. M.
Zhizhen.

RUSSIAN, per, Trudy Moskovskogo Matematicheskogo
Obshchestva, 1968, Vol 9, pp 121-128.
REL REF 2476 (On Loan or Purchase)

E. F. Zhizhenkov

Aug 65

26
286,991

Scattering of a Photon by a Nucleon in the One-Meson
Approximation, by E. D. Zhishin, 4 p.

RUSSIAN, per, Zhur Eksp 1 Teoret Fiz, Vol XXXVII, No
No 4(10), 1959, pp 994-999.

Amer Inst of Phys
Sov Phys -JETP
Vol XXXVII, (10), No 4

Sci

Apr 60

114,874

TT-64-26242

I. Zhizhenko, B. P.
II. Trans-2242R)

Zhizhenko, B. P.
PRINCIPES DE LA STRATIGRAPHIE DU CENOZO-
IQUE DU CAUCASE SEPTENTRIONAL ET DES
REGIONS VOISINES ET SCHEMA STANDARD DE
DE SA SUBDIVISION. I. et II. (The Principles of
Stratigraphy of the Cenozoic of the Northern Cau-
casus and its neighboring regions and Standard
Plan of Subdivision) 1. et 2. M. Sverdlovsk. 314p.
157 refs. Transl. no. 2242R.

Order from TS or ETC 119.75 TT-64-26242

Trans. in French of mono. (Principy Stratigraphii i
Unitits rovinnykh Sibirskii Deleniyu Khizozolskikh
Olozhenii Severnykh Kavkaza i Smezhnykh Oblastel,
Moscow 1958 [311p].

DESCRIPTORS: *Stratigraphy, Paleogeology, Hy-
drology, Sedimentation, Geological survey.

(Earth Sciences--Geology, TT, v. 11, no. 11)

Office of Technical Services

Zhizhchenko, B. P.
PRINCIPAL RESULTS OF A COMBINED BIOGEO-
CHEMICAL STUDY OF THE TERTIARY DEPOSITS
OF THE CENTRAL AND EASTERN CIS-CAUCASUS.
[1961; 12p. (3 figs. omitted) 1 ref.
Order from CTS or SLA \$1.60

61-16084

Trans. of *Geologiya Nefti i Gaza (USSR) 1960, v. 4,
no. 1, p. 41-48.

DESCRIPTORS: *Petroleum, *Natural gas, *USSR,
Geology, *Geochemistry, *Microorganisms.

Office of Technical Services

(Earth Sciences--Geology, ITT, v. 6, no. 2)

61-16084

1. Zhizhchenko, B. P.

IMPROVE THE MANAGEMENT OF CONSTRUCTION IN
BELORUSSIAN, BY I. ZHIZHELI, 7 PP.

NP

RUSSIAN, PER, EKONOMICHESKAYA GAZETA, NO 41,
6 OCT 1962, P 14.

JPRS 167186

USSR
ECON
JAN 63

218,596

Inelastic Diffraction Processes at High
Energies, by E. D. Zhizhin, Yu. P. Nikitin,
9 pp.

RUSSIAN, per, Zhur Eksp: i Teoret Fiz,
Vol XLIII, No 5, 1962, pp. 1731-1742.

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 5

Sci

341, 297

Jun 63

New Possibilities in the Study of the
Electromagnetic Properties of the Electron
and Muon, by E. D. Zhizhin, V. V. Solov'yev,
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLIII, No 1, 1962, pp 268-276.

Amer Inst of Phys
Sov Phys - JETP
Vol XVII, No 1

Sci

220,355

Jan 63

Regge Poles in Photoproduction Amplitude,
by A. V. Derkov, E. D. Zhizhln, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLV, No 5, 1963, pp 1585-1594.

Amer Inst of Phys
Sov Phys - JETP
Vol. XVIII, No 4

Sci
Jun 64

260,338

A Method of Producing Experimental Scalds, by
V. N. Zhizhin, P. Ya. Misyukovich, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol ~~42~~ XLIII,
No 7, 1957, pp 118-119.

Consultants Bureau

Sci - Med

Jun 58

66,518

(NY-6732)

The Mineral Mechanisms of Mineral Metabolism Changes in Calcified Tissues in Acute Radiation Sickness, by N. A. Zhizhina, A. A. Prokhonchukov, 15 pp.

RUSSIAN, per, Patolog Fiz i Eksper Terapiya, Vol V, No 5, Sep/Oct 1961, pp 59-65.

JPRS 11816

Sci - Med

Jan 62

178, 112

D-4404

(DC-2324)

The Effect of Repeated Total Irradiation With Small
Doses of X-Rays on Bone Tissue, by N. A. Zhishina,
6 pp.

RUSSIAN, per, Medit Radiolog, Vol III, No 4,
Moscow, Jul-Aug 1958, pp 25-29.

JPRS 674-D

Sci - Med, radiology
May 59

87,659

C-14208

(NY-1532)

The Influence of Generalized X-Irradiation on
Mineral Metabolism in Bone Tissue, by N. A.
Zhabitskaya, 9 pp.

RUSSIAN, also per, Patologicheskaya Fiziologiya, i
Ekspimentalnaya Terapiya, Vol. II, No. 1, Moscow,
Jan/Feb 1958, pp 34-38.

US JPRS/RY-2 234

Sci - Medicine

73, 536

26
Weldability of Heat-Resistant Material Ssp by
Method of Fusion, by G. D. Nikiforov, S. N. Zhiznyakov,
12 pp.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 6, 1964,
pp 1-4.

JPRS 26793

Sci-Mat & Met
Nov 64

268,774

134

Basic Laws Governing Hunt and Mass-Exchange in
Overseas Hunting (Caring) Ovens, by V. I.
Zhizhnyakov.

RUSSIAN. par. Scientific Research and Design
Institute for the Mechanization of the Fishing
Industry. Vol 1, 1961.

Dept of Interior
Bureau of Commercial Fisheries
Branch of Foreign Fisheries

Sci. Phys
Jan 68

V. I. Zhizhnyakov

348.578

45
A New Device for Determining the Static and
Dynamic Hardness of Rocks under High Hydrostatic
and Rock Pressures, by L. Ye. Slonovskiy,
B. A. Zilobinskiy, 4 pp.
RUSSIAN, per, Izvestiya Vsesoyuznogo Nauchnogo
Ispytaniya. Mest' i Osn, No 11, 1964, pp 11-14.
IR/PT/IR-23-1201-07

Sci-Earth Sci
Nov 60

366,325

B. A. Zilobinskiy

Determining the Drilling Speed in Drilling With
Rock Bits With the Aid of a Model Study, by
L. E. Simonyants, B. A. Zlobinskiy. 9 pp.
RUSSIAN, per, Izv. VUZ Neft' i Gaz, Vol 6, No 8,
1963, pp 25-29.
OTS TT-64-26106

B. A. Zlobinskiy

Sci/Engr
Jun 67

327,685

98
FALL AND PRELIMINARY OF ROCKS, by L. E. Simonyants
and B. A. Zhlebinskiy.
MOSCOW, 1962, 114. VUZ ROSS. I. GAZ, Vol. 1,
No. 2, 1962, pp. 15-18.
RUS. 11-4655

B. A. Zhlebinskiy

Sci. Eng.
1962

301,000

61-22234

Zhlobinski, B. A.
DETERMINATION OF THE OPTIMUM FITCH OF
TEETH IN RINGS OF CONE BITS BY MEANS OF
MODELING. [1961] 5p.
Order from ATS \$8.80 ATS-46N48R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeni.
Nef't i Gaz (USSR) 1960, v. 3, no. 9, p. 117-122.

DESCRIPTORS: "Drills, Test methods, Model tests.

I. Zhlobinski, B. A.
II. ATS-46N58R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

(Engineering, TT, v. 6, no. 4)

A Method to Shorten the Analysis Time of
Discrete Radio Signal Spectra by the
"Active" Analysis Method, by I. M. Zhlobinskiy,
L. G. Sodin, 10 pp.
RUSSIAN, per, Radiotekh, Vol XVII, No 2,
1962.

AIEE

Sci

Aug 62

209,880

Viscosity of Fused Salts Along an Isoconcentration
Section (10 Wt. % $MgCl_2$) in the $MgCl_2$ - $CaCl_2$ - KCl - $NaCl$
System, by Kh. L. Strelits, V. N. Zhudneva, I. L.
Reznikov, 5 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 6,
Jun 1955, pp 643-650. CIA C 40324

Consultants Bureau

USSR

30,127

Scientific - Chemistry

CTB 76 Jan 1956

Parthenogenetic development of haemaphysalis
bispinosa neum. (acarina, ixodidae.), by Z.
Zhmerova, 6 pp.

RUSSIAN, per, Entomologicheskoe Obozrenie,
31, nos. 1-2, p 121-122, 1950.

SLA R-3651

Sci

Aug 59

94,438

(DC-2800/24)

Great Things Are Ahead (DOEAAF Tasks), by
P. Zhmachenko, 3 pp.

RUSSIAN, np, Sovetskiy Patriot, Vol XVIII, No 41,
22 May 1960, p 2.

JPRS 3971

USSR

MIL

127,099

(SF-1050)

DOSAAF Members of the Ukraine for the National
Economy, by F. Zhuravchenko, 6 pp

RESEAU, pp, Sovetskii Patriot, 8 Feb 1961, pp 1-2

JPRS 10914

USSR

MLL

Dec 61

Domestic Birds as Carriers of the Rickettsia of
Q Fever in the Turkmen SSR, by Z. M. Zhmaeva, A. A.
Fchelkina, 2 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXVIII, No 3, 1957.

Pergamon Press

Sci - Medicine
Oct 57

53,863

The reflex mechanism of the specific dynamic
action of food, by I.K. Zhenkin, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol
43, No 5, 1957, pp. 39-42.

Consultants Bureau

Sci - Med

Jun 58

65,089

(NY-6353)

Experience in the Work of the All-Russian Scientific
Medical Society of Obstetricians-Gynecologists in
1957-1960, by K. N. Zhmakin, 5 PP.

RUSSIAN, per, Byulleten' Uchenogo Med Soveta
Min Zdrav RSFSR, No 1, 1961, PP 31-33.

JPRS 9858

165,002

USSR

Soc

Sci - Med

Aug 61

Characteristic Features of a Focus of Tick
Rickettsiosis in South-East Turkmenia, by S. M.
Kulagin, Z. M. Zimayeva, M. V. Shekhanov, A. A.
Pchelkina, 7 pp

RUSSIAN, par, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol. XXVIII, No 7, 1957, pp 114-120.

Pergamon Inst

Sci - Med
Nov 58

76,691

47
The Epidemiological Importance of
Ectoparasites of Birds in a Natural
Focus of Q Fever in Southern Central
Asia, by Z. M. Zhuravskaya, et al.
RUSSIAN, per, Doklady Akad Nauk SSSR
(Parazit), Vol 101, No 2, 1955,
pp 387-389
NII 4-74-65

Sci-3000
May 65

280,914

Zhuneido, A. T., Gafskaya, Z. S., and Chernikova, N. V.

THE PRODUCTION OF A PURE AVITAMINOSIS-D IN RATS. [1962] [7]p. 2 refs. FASEB manuscript no. S-106-2.

Order from OTS or SLA \$1.10

63-15989

Trans. of Vsesoyuznyi Nauchnyi Tsentr (USSR) 1962, v. 21, no. 4, p. 71-74.

DESCRIPTIONS: *Deficiency diseases, *Vitamin D, *Diet, Phosphatases.

Avitaminosis-D was developed in rats in about one month on a balanced diet lacking only in vitamin D. This deficiency caused growth to be retarded or to cease. Ration Ia consisted of 20g casein heated for 15 to 16 hours at 100°C, 60g corn starch, 10g brewers' yeast, 4g Duborne-Mendel salt mixture (CuSO_4), (Biological Sciences - Pathology, TT, v. 10, no. 6) (over)

63-15989

- I. Zhuneido, A. T.
- II. Gafskaya, Z. S.
- III. Chernikova, N. V.
- IV. FASEB S-106-2
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Vitamin C Requirement During Periodic Administration
of the Vitamin, by S. N. Matak, V. I. Gorbunova,
A. T. Zhmeido, 4 pp.

Full tr

RUSSEAN, no per, Byul Akper Biol i Med, Vol XLI,
No 1, Jan 1956, pp 22-26.

Consultants Bureau

Sci - Medicine
Dec 56 CBS

42,025

DEVELOPMENT OF THE LARGE-SCALE CHEMICAL INDUSTRY,
BY P. ZHAROV, 5 PP.

RUSSIAN, MP, SOVIET LITHUANIA, 29 SEP 1963, P 2.

JAN 21 1969

USSR
ARGENTINA
RUSSIA
MOSCOW
DEC 43

204,293

On Isomorphisms of Linear Representations of Finite Groups, by S. L. Zhurav', 63 pp.

RUSSIAN, per, Matem Sbornik, Vol XLIV (XXIV), No 3, 1958, pp 353-408. 2002242

REF 2-130

Vol IV, No 5
Jul 61

160,155